

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2018 Levee Inspection Results

Marysville Levee Commission

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Marysville Levee Commission

Waterway			Bank	Unit Miles
Unit No. 01 Simmerly Slough			Left	3.23
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/25/2018 - 4/25/2018			
DWR Inspector	Sterling York			
Accompanied By	Frank Miller Marysville Levee District			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	04/25/2018 04/25/2018	Sterling York

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_NA0004_01_s _ 2013_4				
Comment Code					
Inspector Comment					
O&M manuals are located at the district office.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_NA0004_01_s _ 2013_5				
Comment Code					
Inspector Comment					
LMA has adequate emergency flood fight supplies which are at their shop/office located at 214 1st St.					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_NA0004_01_s _ 2013_6				
Comment Code					
Inspector Comment					
NA0004 employees participate in a flood fight training that is sponsored by RD784 each year.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	04/25/2018 04/25/2018	Sterling York

LM Start	0.00	Rating **	M	Issue No.	11
LM End	3.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.149571 °	39.164076 °
				-121.601101 °	-121.560876 °
DWR ID	DWR_NA0004_01_s_2018_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation needs to be maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0004_104_11_20180427_00020.jpg



View looking downstream waterside of the annual vegetation that needs to be maintained, Spring 2018.

LM Start	0.00	Rating **	M	Issue No.	9
LM End	3.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.149571 °	39.164075 °
				-121.601101 °	-121.560876 °
DWR ID	DWR_NA0004_01_s_2018_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation needs to be maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0004_104_9_20180427_00021.jpg



View looking downstream landside of the annual vegetation that needs to be maintained, Spring 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	04/25/2018 04/25/2018	Sterling York

LM Start	0.44	Rating **	C	Issue No.	10							
LM End		Issue Type +	Ma	Location *								
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	2017 Storm Damage		39.153083 °	°								
			-121.595182 °	°								
DWR ID	DWR_NA0004_01_f_2017_10											
Comment Code												
Inspector Comment												
Levee Evaluation Comments Description: Site ID No:223 Site Designation:LMA-30 Repair Type: Erosion Rating:Area of Concern Field Date:6/5/2017 Notes: Construction work completed. City drainage pipe through levee, exit to river encroaches into patrol road approx. 8 ft so patrol road encroaches into levee 8 ft. From RD, there was a boil near pump house. The site was repaired by RD. The RD has construction documentation and is seeking reimbursement.												

No Photos

LM Start	0.45	Rating **	A/W	Issue No.	37							
LM End	0.45	Issue Type +	Ma	Location *								
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	DWR UCIP LMA Responsibility		39.153107 °	39.153107 °								
			-121.594835 °	-121.594835 °								
DWR ID												
Comment Code												
Inspector Comment												
FS_ID:42945 DS_ID:19090 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through levee, 27 feet below crown. Flap gate and concrete "U" headwall on waterside (WS) end. Slide gate in 48-inch corrugated metal riser on WS slope of pipe. Steel walkway to control gate. Outfall drains from Ellis Lake. Concrete headwall at both toes. Concrete base under riser units. Steel riser unit and slide gate added under Permit No. 4041, 1962-Marysville Levee Commission. [Additional Reference(s): DWR Levee Logs, 1993 and 2005. USACE Sacramento O&M Manual Unit No. 147, August 1955, (Station 8+48)] FS Date: 3/14/2013												

Photo 1 of 3 : UCIP_SP_2018_42945_69744.jpg



View of outlet located on waterward side under toe road.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	04/25/2018 04/25/2018	Sterling York

LM Start	0.45	Rating **	A/W	Issue No.	37 (cont)	
LM End	0.45	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.153107 °		39.153107 °
				-121.594835 °		-121.594835 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:42945						
DS_ID:19090						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through levee, 27 feet below crown. Flap gate and concrete "U" headwall on waterside (WS) end. Slide gate in 48-inch corrugated metal riser on WS slope of pipe. Steel walkway to control gate. Outfall drains from Ellis Lake. Concrete headwall at both toes. Concrete base under riser units. Steel riser unit and slide gate added under Permit No. 4041, 1962-Marysville Levee Commission. [Additional Reference(s): DWR Levee Logs, 1993 and 2005. USACE Sacramento O&M Manual Unit No. 147, August 1955, (Station 8+48)]						
FS Date: 3/14/2013						

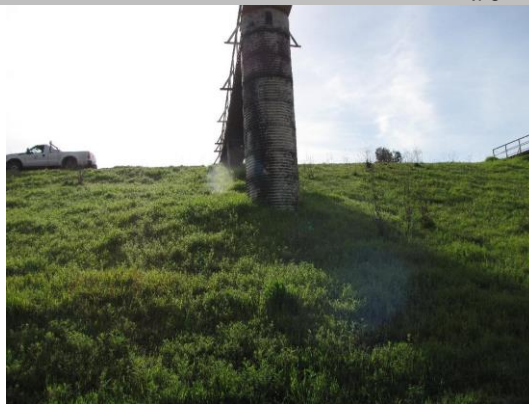
Photo 2 of 3 : UCIP_SP_2018_42945_69743.jpg



View of waterward side from toe road.

LM Start	0.45	Rating **	A/W	Issue No.	37 (cont)
LM End	0.45	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2018_42945_69742.jpg



View of waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	04/25/2018 04/25/2018	Sterling York

LM Start	0.78	Rating **	C	Issue No.	13
LM End	1.39	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.156742 °	39.159109 °
				-121.591424 °	-121.589182 °
DWR ID	DWR_NA0004_01_f_2017_13				
Comment Code					
Inspector Comment					
This portion of levee construction was completed October of 2017.					

No Photos

LM Start	0.96	Rating **	M	Issue No.	38	
LM End	0.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.158946 °	39.158946 °	
				-121.589930 °	-121.589930 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40931 DS_ID:19100 EP_NO: 14518 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Recommend having owner removing tall grass along slopes to properly inspect signs of pipe failure. FIELD_STRUCT_DESC: 1 of 2: 10-inch steel drainage pipe through levee, 4 feet below crown. Flap gate on waterside (WS) end. Concrete vault on WS shoulder. Metal meter box on the landside (LS) shoulder. Pump placed on concrete footings at toe of LS slope. Drainage for underpass. Pipes approximately 2.5-feet apart. (10-inch pipe removed and replaced with new 10-inch pipe authorized under Permit No. 14518, 1987-State Department of Transportation). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013						

Photo 1 of 3 : UCIP_SP_2018_40931_69758.jpg



View of landward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	04/25/2018 04/25/2018	Sterling York

LM Start	0.96	Rating **	M	Issue No.	38 (cont)	
LM End	0.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.158946 °	39.158946 °	
				-121.589930 °	-121.589930 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40931 DS_ID:19100 EP_NO: 14518 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Recommend having owner removing tall grass along slopes to properly inspect signs of pipe failure. FIELD_STRUCT_DESC: 1 of 2: 10-inch steel drainage pipe through levee, 4 feet below crown. Flap gate on waterside (WS) end. Concrete vault on WS shoulder. Metal meter box on the landside (LS) shoulder. Pump placed on concrete footings at toe of LS slope. Drainage for underpass. Pipes approximately 2.5-feet apart. (10-inch pipe removed and replaced with new 10-inch pipe authorized under Permit No. 14518, 1987-State Department of Transportation). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013						

Photo 2 of 3 : UCIP_SP_2018_40931_69757.jpg



Concrete vault on waterward shoulder with manhole.

LM Start	0.96	Rating **	M	Issue No.	38 (cont)
LM End	0.96	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_40931_69756.jpg



Close up view of manhole.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	04/25/2018 04/25/2018	Sterling York

LM Start	0.96	Rating **	M	Issue No.	39
LM End	0.96	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.158951 °	39.158951 °
				-121.589929 °	-121.589929 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40933 DS_ID:19093 EP_NO: 14518 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Recommend having owner removing tall grass along slopes to properly inspect signs of pipe failure. FIELD_STRUCT_DESC: 2 of 2: 10-inch steel drainage pipe through levee, 4 feet below crown. Flap gate on waterside (WS) end. Concrete vault on WS shoulder. Metal meter box on the landside (LS) shoulder. Pump placed on concrete footings at toe of LS slope. Drainage for underpass. Pipes approximately 2.5-feet apart. (10-inch pipe removed and replaced with new 10-inch pipe authorized under Permit No. 14518, 1987-State Department of Transportation). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013					

Photo 1 of 3 : UCIP_SP_2018_40933_69762.jpg



View of pump concrete building located on landward side.

LM Start	0.96	Rating **	M	Issue No.	39 (cont)
LM End	0.96	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_40933_69761.jpg



Concrete vault located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	04/25/2018 04/25/2018	Sterling York

LM Start	0.96	Rating **	M	Issue No.	39 (cont)	
LM End	0.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.158951 °	39.158951 °	
				-121.589929 °	-121.589929 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40933 DS_ID:19093 EP_NO: 14518 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Recommend having owner removing tall grass along slopes to properly inspect signs of pipe failure. FIELD_STRUCT_DESC: 2 of 2: 10-inch steel drainage pipe through levee, 4 feet below crown. Flap gate on waterside (WS) end. Concrete vault on WS shoulder. Metal meter box on the landside (LS) shoulder. Pump placed on concrete footings at toe of LS slope. Drainage for underpass. Pipes approximately 2.5-feet apart. (10-inch pipe removed and replaced with new 10-inch pipe authorized under Permit No. 14518, 1987-State Department of Transportation). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013						

Photo 3 of 3 : UCIP_SP_2018_40933_69760.jpg



Close up of manhole.

LM Start	0.97	Rating **	M	Issue No.	36
LM End	1.19	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.159210 °	39.161576 °
				-121.590033 °	-121.590721 °
DWR ID	DWR_NA0004_01_f_2013_36				
Comment Code					
RW : Retaining Wall					
Inspector Comment					
Concrete retaining wall cut into levee toe, no permit found.					

Photo 1 of 1 : SP_2018_NA0004_104_36_20180302_00007.jpg



View of the concrete retaining wall at the toe of the levee on the waterward side looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	04/25/2018 04/25/2018	Sterling York

LM Start	1.41	Rating **	M	Issue No.	40							
LM End	1.41	Issue Type +	En	Location *								
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	DWR UCIP Field Study		39.159270 °	39.159270 °								
			-121.589015 °	-121.589015 °								
DWR ID												
Comment Code												
Inspector Comment												
FS_ID:41003 DS_ID:19097 EP_NO: 14036 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine if utility crosses levee--no marker visible on WS. AT&T representative was out near crossing and she referred us to David Parmenter, AT&T Engineer, 530-477-3099. Will need to contact AT&T to determine if any crossing goes through the levees at Marysville. FIELD_STRUCT_DESC: 1-inch fiber optic communication line through levee 60-inch below crown crosses line. Crosses overflow areas and channel. (1-inch fiber optic cable authorized under Permit No. 14036, 1986-United Telecom Communication). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/19/2013												

No Photos

LM Start	1.56	Rating **	A/W	Issue No.	15							
LM End	1.56	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Animal Control		39.160854 °	39.160854 °								
			-121.587375 °	-121.587375 °								
DWR ID	DWR_NA0004_01_f_2016_15											
Comment Code												
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.												
Inspector Comment												
Rodent holes where squirrels have been active were backfilled, Spring 2018.												

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	04/25/2018 04/25/2018	Sterling York

LM Start	1.79	Rating **	C	Issue No.	16
LM End	1.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.163711 °	39.163711 °
				-121.584883 °	-121.584883 °
DWR ID	DWR_NA0004_01_f_2016_16				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes where squirrels have been active were backfilled, Fall 2017.					

No Photos

LM Start	3.19	Rating **	M	Issue No.	41
LM End	3.19	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.163888 °	39.163888 °
				-121.560262 °	-121.560262 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40935 DS_ID:19115 EP_NO: 12878 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine additional information about crossing and alignment. FIELD_STRUCT_DESC: 24-inch steel pipe encasing 4-inch polyvinyl chloride (PVC) communications extension through the levee, annular gap grouted, 8 feet below levee crown. Cutoff wall (12x12x20-inch) around extension from levee slopes. (underground communication extension authorized under Permit No. 12878, 1980-Pacific Telephone and Telegraph Company). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013					

Photo 1 of 3 : UCIP_SP_2018_40935_69766.jpg



Marker on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

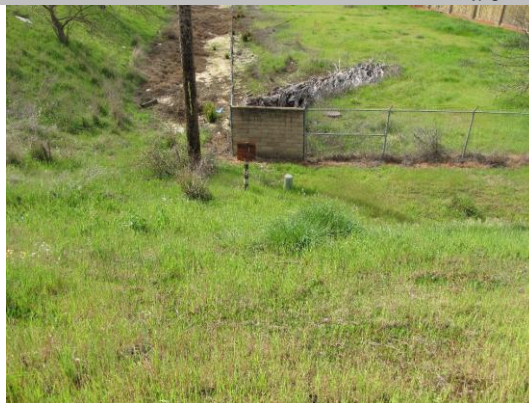
Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	04/25/2018 04/25/2018	Sterling York

LM Start	3.19	Rating **	M	Issue No.	41 (cont)	
LM End	3.19	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.163888 °	39.163888 °	
				-121.560262 °	-121.560262 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40935 DS_ID:19115 EP_NO: 12878 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine additional information about crossing and alignment. FIELD_STRUCT_DESC: 24-inch steel pipe encasing 4-inch polyvinyl chloride (PVC) communications extension through the levee, annular gap grouted, 8 feet below levee crown. Cutoff wall (12x12x20-inch) around extension from levee slopes. (underground communication extension authorized under Permit No. 12878, 1980-Pacific Telephone and Telegraph Company). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013						

LM Start	3.19	Rating **	M	Issue No.	41 (cont)
LM End	3.19	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_40935_69765.jpg



View of landward side.

Photo 3 of 3 : UCIP_SP_2018_40935_69764.jpg



Manhole located behind fenced area on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Marysville Levee Commission

Waterway			Bank	Unit Miles
Unit No. 02 Feather River			Left	1.25
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/25/2018 - 4/25/2018			
DWR Inspector	Sterling York			
Accompanied By	Frank Miller Marysville Levee District			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	04/25/2018 04/25/2018	Sterling York

LM Start	0.01	Rating **	M	Issue No.	3
LM End	1.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.149395 °	39.134464 °
				-121.601105 °	-121.594143 °
DWR ID	DWR_NA0004_02_s_2018_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation needs to be maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0004_105_3_20180427_00013.jpg



View looking downstream landside of the annual vegetation that needs to be maintained, Spring 2018.

LM Start	0.01	Rating **	M	Issue No.	5
LM End	1.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.149395 °	39.134464 °
				-121.601105 °	-121.594144 °
DWR ID	DWR_NA0004_02_s_2018_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation needs to be maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0004_105_5_20180427_00012.jpg



View looking downstream waterside of the annual vegetation that needs to be maintained, Spring 2018.

LM Start	0.22	Rating **	M	Issue No.	8
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.146352 °	39.146352 °
				-121.600724 °	-121.600724 °
DWR ID	DWR_NA0004_02_f_2016_8				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot path depression in the landside levee slope needs to be repaired. Fall 2016.					

Photo 1 of 1 : SP_2018_NA0004_105_8_20180302_00003.jpg



View of foot path depression in the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	04/25/2018 04/25/2018	Sterling York

LM Start	0.32	Rating **	A/W	Issue No.	4
LM End	0.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.144840 °	39.144840 °
				-121.600559 °	-121.600559 °
DWR ID	DWR_NA0004_02_s_2016_4				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot path depression in the landside levee slope has been repaired, Spring 2017.					

Photo 1 of 1 : SP_2018_NA0004_105_4_20180302_00001.jpg



View looking downstream of landside slope erosion due to heavy foot traffic. Fall 2016. For Spring 2017 the foot path depression in the landside levee slope has been repaired.

LM Start	0.75	Rating **	M	Issue No.	6	
LM End	0.75	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			39.138983 °		39.138983 °
				-121.600717 °		-121.600717 °
DWR ID	DWR_NA0004_02_f_2017_6					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						
Rodent holes need to be backfilled, Spring 2018.						

Photo 1 of 1 : SP_2018_NA0004_105_6_20180302_00002.jpg



View of landside of rodent holes, no animal activity was observed, Fall 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	04/25/2018 04/25/2018	Sterling York

LM Start	0.82	Rating **	M	Issue No.	13
LM End	0.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.138827 °	39.138827 °
				-121.599530 °	-121.599530 °
DWR ID	DWR_NA0004_02_f_2016_13				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot path depression in the landside levee slope needs to be repaired.					

Photo 1 of 1 : SP_2018_NA0004_105_13_20180302_00004.jpg



View of foot path depression in the landside levee slope.

LM Start	0.85	Rating **	M	Issue No.	14
LM End	0.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.138463 °	39.138463 °
				-121.599168 °	-121.599168 °
DWR ID	DWR_NA0004_02_f_2016_14				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Remove steps that are cut into levee slope, Fall 2017.					

Photo 1 of 1 : SP_2018_NA0004_105_14_20180302_00005.jpg



View of steps for foot path in the landside levee slope, Fall 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	04/25/2018 04/25/2018	Sterling York

LM Start	0.87	Rating **	M	Issue No.	16	
LM End	0.87	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.138269 °	39.138269 °	
				-121.599004 °	-121.599004 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40940						
DS_ID:19123						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to tell if crossing goes through levee; according to Frank Miller crossing does not cross levee. Need to contact owner to confirm alignment.						
FIELD_STRUCT_DESC: Fiber optics communication line of unknown material through levee at an unknown depth below the crown. Marker on waterside (WS) shoulder. [Additional Reference(s): DWR Levee Logs, 1993 and 2005]						
FS Date: 3/15/2013						

LM Start	0.87	Rating **	M	Issue No.	16 (cont)
LM End	0.87	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_40940_69802.jpg



View of waterward slope.

Photo 2 of 3 : UCIP_SP_2018_40940_69801.jpg



Buried fiber optical cable marker with contact information located on landward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	04/25/2018 04/25/2018	Sterling York

LM Start	0.87	Rating **	M	Issue No.	16 (cont)
LM End	0.87	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.138269 °	39.138269 °
				-121.599004 °	-121.599004 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40940					
DS_ID:19123					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to tell if crossing goes through levee; according to Frank Miller crossing does not cross levee. Need to contact owner to confirm alignment.					
FIELD_STRUCT_DESC: Fiber optics communication line of unknown material through levee at an unknown depth below the crown. Marker on waterside (WS) shoulder. [Additional Reference(s): DWR Levee Logs, 1993 and 2005]					
FS Date: 3/15/2013					

Photo 3 of 3 : UCIP_SP_2018_40940_69800.jpg



View of landward side with bldg that could be associated with cable line.

LM Start	0.89	Rating **	C	Issue No.	15
LM End	0.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.137989 °	39.137989 °
				-121.598756 °	-121.598756 °
DWR ID	DWR_NA0004_02_f_2016_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Squirrel holes in the landside levee slope have been back filled, no sign of squirrels. Fall 2017.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	04/25/2018 04/25/2018	Sterling York

LM Start	0.91	Rating **	M	Issue No.	17	
LM End	0.91	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.137749 °	39.137749 °	
				-121.598560 °	-121.598560 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38272						
DS_ID:19104						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to tell if crossing goes through levee. Need to contact owner to confirm alignment.						
FIELD_STRUCT_DESC: 12-inch high-density polyethylene (HDPE) conduit, with electrical lines, through the levee at an unknown depth through the levee. Extends to controller cabinet within the overflow area.						
FS Date: 3/15/2013						

Photo 1 of 3 : UCIP_SP_2018_38272_69804.jpg



View of markers located on waterward toe.

LM Start	0.91	Rating **	M	Issue No.	17 (cont)
LM End	0.91	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_38272_69805.jpg



View of markers located on waterward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	04/25/2018 04/25/2018	Sterling York

LM Start	0.91	Rating **	M	Issue No.	17 (cont)	
LM End	0.91	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.137749°	39.137749°	
				-121.598560°	-121.598560°	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38272						
DS_ID:19104						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to tell if crossing goes through levee. Need to contact owner to confirm alignment.						
FIELD_STRUCT_DESC: 12-inch high-density polyethylene (HDPE) conduit, with electrical lines, through the levee at an unknown depth through the levee. Extends to controller cabinet within the overflow area.						
FS Date: 3/15/2013						

Photo 3 of 3 : UCIP_SP_2018_38272_69806.jpg



Close up of markers located at toe of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Marysville Levee Commission

Waterway			Bank	Unit Miles
Unit No. 03 Yuba River			Right	6.79
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/25/2018 - 4/25/2018			
DWR Inspector	Sterling York			
Accompanied By	Frank Miller Marysville Levee District			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	0.04	Rating **	M	Issue No.	42
LM End	0.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.135010 °	39.135010 °
				-121.593225 °	-121.593225 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41024 DS_ID:25055 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears that crossing is currently not in use. If crossing is to be abandoned, wwner will need to contact CVFPB to coordinate about proper removal. FIELD_STRUCT_DESC: 10-inch sewer line visible on landside (LS). According to Marysville Treatment Plant Manager this crossing was installed in 1995-1996. Coordinates for box located on LS: 39.135185, -121.593254. Note coordinates used for levee crossing are projected coordinates. FS Date: 3/14/2013					

LM Start	0.04	Rating **	M	Issue No.	42 (cont)
LM End	0.04	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_41024_72681.jpg



Inside view of concrete box.

Photo 2 of 2 : UCIP_SP_2018_41024_72680.jpg



View of concrete box located on landward side--crossing not in use according to Marysville Sewage Treatment Plant Manager.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	0.07	Rating **	M	Issue No.	43
LM End	0.07	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.135090 °	39.135090 °
				-121.592663 °	-121.592663 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41025 DS_ID:19126 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Owner will need to coordinate with DWR-Inspector and CVFPB to determine if crossing meets Title 23 requirements for proper abandonment. FIELD_STRUCT_DESC: *ABANDONED* 24-inch drainage pipe of unknown material through levee at an unknown depth. Pipe completely grouted in levee section, cut at slopes. Coordinates for box located on landward side: 39.135259, -121.592593. Note coordinates used for levee crossing are projected coordinates. (24-inch pipe grouted within the levee section authorized under Permit No. 4174, 1963-City of Marysville) FS Date: 3/15/2013					

Photo 1 of 3 : UCIP_SP_2018_41025_69812.jpg



Abandoned line sealed with metal plate.

LM Start	0.07	Rating **	M	Issue No.	43 (cont)
LM End	0.07	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_41025_69811.jpg



Standpipe where old line is still located.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	0.07	Rating **	M	Issue No.	43 (cont)	
LM End	0.07	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.135090 °	39.135090 °	
				-121.592663 °	-121.592663 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41025 DS_ID:19126 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Owner will need to coordinate with DWR-Inspector and CVFPB to determine if crossing meets Title 23 requirements for proper abandonment. FIELD_STRUCT_DESC: *ABANDONED* 24-inch drainage pipe of unknown material through levee at an unknown depth. Pipe completely grouted in levee section, cut at slopes. Coordinates for box located on landward side: 39.135259, -121.592593. Note coordinates used for levee crossing are projected coordinates. (24-inch pipe grouted within the levee section authorized under Permit No. 4174, 1963-City of Marysville) FS Date: 3/15/2013						

Photo 3 of 3 : UCIP_SP_2018_41025_69810.jpg



View of levee slope on waterward.

LM Start	0.12	Rating **	U	Issue No.	17
LM End	4.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.135167 °	39.185036 °
				-121.591631 °	-121.540321 °
DWR ID	DWR_NA0004_03_s_2018_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation needs to be maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0004_106_17_20180427_00046.jpg



View looking downstream waterside of the annual vegetation that needs to be maintained, Spring 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	0.12	Rating **	U	Issue No.	19
LM End	4.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.135167 °	39.185036 °
				-121.591631 °	-121.540321 °
DWR ID	DWR_NA0004_03_s_2018_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation needs to be maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0004_106_19_20180427_00047.jpg



View looking upstream waterside of the annual vegetation that needs to be maintained, Spring 2018.

LM Start	0.26	Rating **	M	Issue No.	44	
LM End	0.26	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.135128	°	39.135128
				-121.589100	°	-121.589100
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40944 DS_ID:19130 EP_NO: 2550 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pacbell manhole on LS slope unable to determine if this manhole is part of submarine cable crossing. Will need to contact the City of Marysville. FIELD_STRUCT_DESC: Submarine cable crossings, two underground telephone cables through levee, 4.6 feet, below crown. Concrete cutoff wall around cables underneath crown. (Permit No. 2550, 1957-Marysville Levee District). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/19/2013						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	0.47	Rating **	M	Issue No.	45
LM End	0.47	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.135932 °	39.135932 °
				-121.585529 °	-121.585529 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40969					
DS_ID:19133					
EP_NO: 1983					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner. Unable to determine if crossing is still in use.					
FIELD_STRUCT_DESC: 0.75-inch water line through the levee at an unknown depth through the levee. Water meter at landside (LS) toe. Extends from nearby buildings, bunkers, suction dredge on waterside (WS). (Permit No. 1983, 1959-Yuba River Sand Company). [Additional Reference(s): DWR Levee Logs, 1993 and 2005]					
FS Date: 3/15/2013					

Photo 1 of 2 : UCIP_SP_2018_40969_72683.jpg



Underground service alert (USA) blue paint indicators of water line present on landward side.

LM Start	0.47	Rating **	M	Issue No.	45 (cont)
LM End	0.47	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_40969_72682.jpg



View of waterward slope--unable to confirm if crossing is active--line buried.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	0.58	Rating **	M	Issue No.	46	
LM End	0.58	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.136556 °	39.136556 °	
				-121.583626 °	-121.583626 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40975						
DS_ID:25059						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need to coordinate with owner to determine status of crossing, details of crossing (install date and pipe size) and CVFPB permit number issued.						
FIELD_STRUCT_DESC: Communication line marker found near levee crown.						
FS Date: 3/14/2013						

Photo 1 of 3 : UCIP_SP_2018_40975_72696.jpg



View of landward side.

LM Start	0.58	Rating **	M	Issue No.	46 (cont)
LM End	0.58	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_40975_72695.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	0.58	Rating **	M	Issue No.	46 (cont)	
LM End	0.58	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.136556 °	39.136556 °	
				-121.583626 °	-121.583626 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40975 DS_ID:25059 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to coordinate with owner to determine status of crossing, details of crossing (install date and pipe size) and CVFPB permit number issued. FIELD_STRUCT_DESC: Communication line marker found near levee crown. FS Date: 3/14/2013						

Photo 3 of 3 : UCIP_SP_2018_40975_72694.jpg



Fiber Optic Cable marker visible on landward side.

LM Start	0.72	Rating **	M	Issue No.	25
LM End	0.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.138261 °	39.138261 °
				-121.583318 °	-121.583318 °
DWR ID	DWR_NA0004_03_f_2016_25				
Comment Code					
BU : Building					
Inspector Comment					
No permit for this house.					

Photo 1 of 1 : SP_2018_NA0004_106_25_20180302_00007.jpg



View of House and shed at the landside levee toe looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	0.74	Rating **	M	Issue No.	26
LM End	0.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.138676 °	39.139039 °
				-121.583366 °	-121.583335 °
DWR ID	DWR_NA0004_03_f_2016_26				
Comment Code					
FE : Fence					
Inspector Comment					
Unpermitted fence along levee toe.					

Photo 1 of 1 : SP_2018_NA0004_106_26_20180302_00008.jpg



View of fence that runs along landside levee toe.

LM Start	0.83	Rating **	M	Issue No.	4
LM End	0.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.139843 °	39.139843 °
				-121.583033 °	-121.583033 °
DWR ID	DWR_NA0004_03_s_2012_4				
Comment Code					
BU : Building					
Inspector Comment					
This building is at least 30 years old and is part of the PG&E site, no peermit found, Fall 2017.					

Photo 1 of 1 : SP_2018_NA0004_106_4_20180302_00003.jpg



Building encroaching at landside levee toe.

LM Start	1.00	Rating **	M	Issue No.	30
LM End	1.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.142167 °	39.142167 °
				-121.582817 °	-121.582817 °
DWR ID	DWR_NA0004_03_f_2016_30				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Path cut in by foot traffic on the landside slope needs to be repaired.					

Photo 1 of 1 : SP_2018_NA0004_106_30_20180302_00009.jpg



View of path cut in by foot traffic on the landside slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	1.16	Rating **	M	Issue No.	32
LM End	1.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.144392 °	39.144392 °
				-121.582930 °	-121.582930 °
DWR ID	DWR_NA0004_03_f_2016_32				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Ruts cut in by vehicle traffic on the landside slope needs to be repaired, Fall 2017.					

Photo 1 of 1 : SP_2018_NA0004_106_32_20180302_00010.jpg



View of ruts cut in by vehicle traffic on the waterside slope.

LM Start	1.28	Rating **	M	Issue No.	33
LM End	1.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.145723 °	39.145723 °
				-121.581323 °	-121.581323 °
DWR ID	DWR_NA0004_03_f_2016_33				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Path cut in by foot traffic on the landside slope needs to be repaired, Fall 2017.					

Photo 1 of 1 : SP_2018_NA0004_106_33_20180302_00011.jpg



View of path cut in by foot traffic on the landside slope that needs repaired.

LM Start	1.29	Rating **	M	Issue No.	35
LM End	1.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.145757 °	39.146233 °
				-121.581280 °	-121.580724 °
DWR ID	DWR_NA0004_03_f_2016_35				
Comment Code					
FE : Fence					
Inspector Comment					
Unpermitted fence encroaches on the levee toe.					

Photo 1 of 2 : SP_2018_NA0004_106_35_20180302_00012.jpg



View of fence on the landside toe, Fall 2017.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	1.29	Rating **	M	Issue No.	35 (cont)	
LM End	1.33	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			39.145757 °		39.146233 °
				-121.581280 °		-121.580724 °
DWR ID	DWR_NA0004_03_f_2016_35					
Comment Code						
FE : Fence						
Inspector Comment						
Unpermitted fence encroaches on the levee toe.						

Photo 2 of 2 : SP_2018_NA0004_106_35_20180302_00013.jpg



View of fence on the landside toe.

LM Start	1.40	Rating **	C	Issue No.	36
LM End	1.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.146963 °	39.146963 °
				-121.579830 °	-121.579830 °
DWR ID	DWR_NA0004_03_f_2016_36				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Blackberry bush on levee slope has been removed, Spring 2018.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	1.59	Rating **	M	Issue No.	47
LM End	1.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.148891 °	39.148891 °
				-121.577420 °	-121.577420 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49951 DS_ID:25468 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 6/29/2016 Underground Service Alert (USA) markings visible on levee crown. Unable to determine pipe size, depth below crown, or permit authorizing line. Need to find owner and obtain status of crossing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: Sewer line of unknown material through the levee at an unknown depth. FS Date: 6/29/2016					

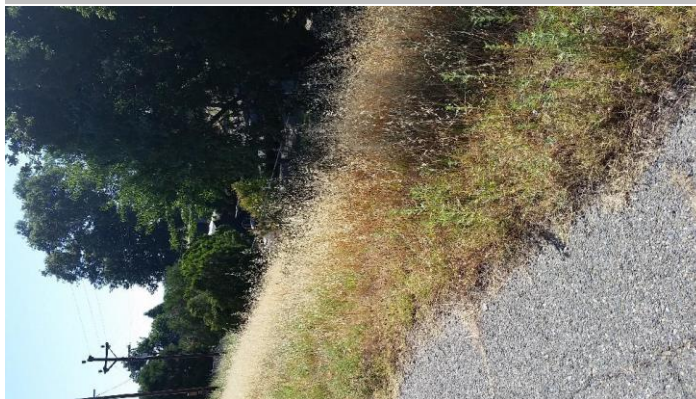
LM Start	1.59	Rating **	M	Issue No.	47 (cont)
LM End	1.59	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_49951_75777.jpg



View of levee crown at crossing.

Photo 2 of 3 : UCIP_SP_2018_49951_75778.jpg



View of WS--dense vegetation on slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	1.59	Rating **	M	Issue No.	47 (cont)	
LM End	1.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.148891 °		39.148891 °
				-121.577420 °		-121.577420 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49951 DS_ID:25468 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 6/29/2016 Underground Service Alert (USA) markings visible on levee crown. Unable to determine pipe size, depth below crown, or permit authorizing line. Need to find owner and obtain status of crossing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: Sewer line of unknown material through the levee at an unknown depth. FS Date: 6/29/2016						

Photo 3 of 3 : UCIP_SP_2018_49951_75779.jpg



View of LS--dense vegetation on slope.

LM Start	1.60	Rating **	M	Issue No.	48
LM End	1.60	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.149063 °	39.149063 °
				-121.577190 °	-121.577190 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45363 DS_ID:19142 EP_NO: 7066 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to take coordinates due to limited access to waterward side, used desk study coordinates. FIELD_STRUCT_DESC: 14-inch drainage pipe through levee, 6 feet below levee crown. Discharges into Ellis Lake. Slant pump mounted on metal pump stand located approximately 150 feet from waterside toe. (14-inch pipe authorized under Permit No. 7066B, 7066A, 7066, 1970-City of Marysville). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013					

Photo 1 of 1 : UCIP_SP_2018_45363_17200.jpg



As-built dwg provided by Marysville Water Waste Treatment Plant.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	1.61	Rating **	M	Issue No.	18
LM End	1.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.149098 °	39.149098 °
				-121.577162 °	-121.577162 °
DWR ID	DWR_NA0004_03_f_2016_18				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Erosion from foot traffic should be repaired, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0004_106_18_20180302_00006.jpg



View of foot path that has cut into landside levee slope.

LM Start	2.15	Rating **	M	Issue No.	39
LM End	2.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.154440 °	39.154440 °
				-121.569839 °	-121.569839 °
DWR ID	DWR_NA0004_03_f_2016_39				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Erosion from foot traffic should be repaired, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0004_106_39_20180302_00015.jpg



View looking upstream of foot path that has cut into the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

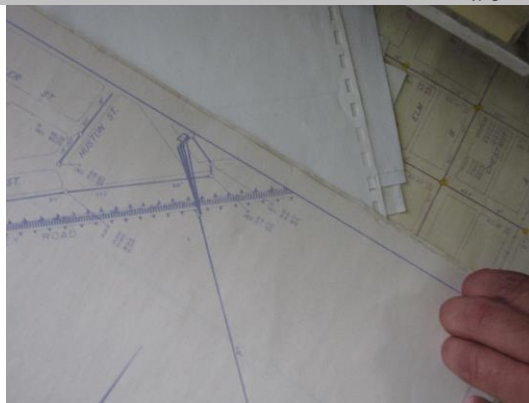
Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	2.18	Rating **	M	Issue No.	49	
LM End	2.18	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.154735 °	39.154735 °	
				-121.569419 °	-121.569419 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40999 DS_ID:19145 EP_NO: 2149 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any. FIELD_STRUCT_DESC: [17th & Howell Pump Station] 1 of 4: 24-inch steel drainage pipe (instead of 30 inch as specified in permit), buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approximately 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landside (LS) toe. Flap gates and vent pipes at waterside (WS) toe. Discharges into concrete distribution box (3-foot by 4 foot). (three 30-inch and one 10-inch pipes and a 48-inch outfall pipe across the berm along the right bank of the Yuba River authorized under Permit No. 2149, 1956-City of Marysville). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013						

LM Start	2.18	Rating **	M	Issue No.	49 (cont)
LM End	2.18	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_40999_69830.jpg



As-built provided by Marysville Water Treatment Facility.

Photo 2 of 3 : UCIP_SP_2018_40999_69829.jpg



View of waterward side--concrete box and vent pipes located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	2.18	Rating **	M	Issue No.	49 (cont)
LM End	2.18	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.154735 °	39.154735 °
				-121.569419 °	-121.569419 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40999 DS_ID:19145 EP_NO: 2149 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any. FIELD_STRUCT_DESC: [17th & Howell Pump Station] 1 of 4: 24-inch steel drainage pipe (instead of 30 inch as specified in permit), buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approximately 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landside (LS) toe. Flap gates and vent pipes at waterside (WS) toe. Discharges into concrete distribution box (3-foot by 4 foot). (three 30-inch and one 10-inch pipes and a 48-inch outfall pipe across the berm along the right bank of the Yuba River authorized under Permit No. 2149, 1956-City of Marysville). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013					

Photo 3 of 3 : UCIP_SP_2018_40999_69828.jpg



Concrete box and vent pipes located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

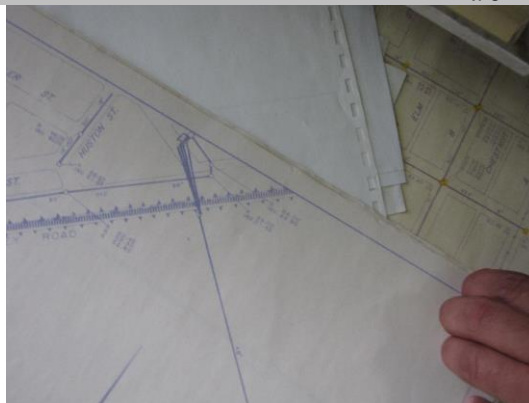
Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	2.18	Rating **	M	Issue No.	50	
LM End	2.18	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.154741 °	39.154741 °	
				-121.569413 °	-121.569413 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40998 DS_ID:19160 EP_NO: 2149 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any. FIELD_STRUCT_DESC: [17th & Howell Pump Station] 2 of 4: 10-inch steel drainage pipe, buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approximately 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landside (LS) toe. Flap gates and vent pipes at waterside (WS) toe. Discharges into concrete distribution box (3-foot by 4-foot). (three 30-inch and one 10-inch pipes and a 48-inch outfall pipe across the berm along the right bank of the Yuba River authorized under Permit No. 2149, 1956-City of Marysville). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013						

LM Start	2.18	Rating **	M	Issue No.	50 (cont)
LM End	2.18	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_40998_69835.jpg



As-builts provided by Marysville Water Treatment.

Photo 2 of 3 : UCIP_SP_2018_40998_69834.jpg



Concrete box and vent pipes located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	2.18	Rating **	M	Issue No.	50 (cont)	
LM End	2.18	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.154741 °		39.154741 °
				-121.569413 °		-121.569413 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40998 DS_ID:19160 EP_NO: 2149 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any. FIELD_STRUCT_DESC: [17th & Howell Pump Station] 2 of 4: 10-inch steel drainage pipe, buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approximately 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landside (LS) toe. Flap gates and vent pipes at waterside (WS) toe. Discharges into concrete distribution box (3-foot by 4-foot). (three 30-inch and one 10-inch pipes and a 48-inch outfall pipe across the berm along the right bank of the Yuba River authorized under Permit No. 2149, 1956-City of Marysville). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013						

Photo 3 of 3 : UCIP_SP_2018_40998_69833.jpg



Concrete box located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	2.18	Rating **	M	Issue No.	51
LM End	2.18	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.154746 °	39.154746 °	
			-121.569406 °	-121.569406 °	
DWR ID					

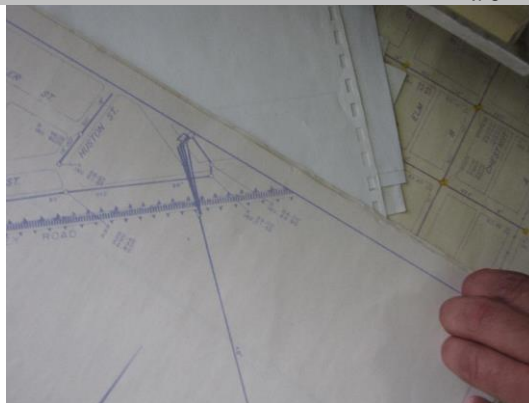
Comment Code

Inspector Comment

FS_ID:41000
DS_ID:19162
EP_NO: 2149
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any.
FIELD_STRUCT_DESC: [17th & Howell Pump Station] 3 of 4: 24-inch steel drainage pipe (instead of 30 inch as specified in permit), buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approximately 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landside (LS) toe. Flap gates and vent pipes at waterside (WS) toe. Discharges into concrete distribution box (3-foot by 4 foot). (three 30-inch and one 10-inch pipes and a 48-inch outfall pipe across the berm along the right bank of the Yuba River authorized under Permit No. 2149, 1956-City of Marysville).
[Additional Reference(s): DWR Levee Logs, 1993 and 2005]
FS Date: 3/14/2013

LM Start	2.18	Rating **	M	Issue No.	51 (cont)
LM End	2.18	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_41000_69840.jpg



As-built dwg of crossing provided by Marysville Water Treatment.

Photo 2 of 3 : UCIP_SP_2018_41000_69839.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

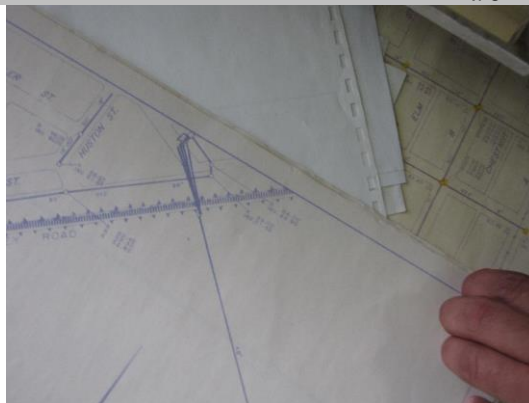
Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	2.18	Rating **	M	Issue No.	52	
LM End	2.18	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.154752 °	39.154752 °	
				-121.569395 °	-121.569395 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41001 DS_ID:19161 EP_NO: 2149 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any. FIELD_STRUCT_DESC: [17th & Howell Pump Station] 4 of 4: 24-inch steel drainage pipe (instead of 30 inch as specified in permit), buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approximately 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landward toe. Flap gates and vent pipes at waterside (WS) toe. Discharges into concrete distribution box (3-foot by 4 foot). (three 30-inch and one 10-inch pipes and a 48-inch outfall pipe across the berm along the right bank of the Yuba River authorized under Permit No. 2149, 1956-City of Marysville). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013						

LM Start	2.18	Rating **	M	Issue No.	52 (cont)
LM End	2.18	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_41001_69821.jpg



City of Marysville Wastewater Treatment Facility records indicating multiple crossings through levee.

Photo 2 of 3 : UCIP_SP_2018_41001_69826.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	2.18	Rating **	M	Issue No.	52 (cont)	
LM End	2.18	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.154752 °	39.154752 °	
				-121.569395 °	-121.569395 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41001 DS_ID:19161 EP_NO: 2149 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any. FIELD_STRUCT_DESC: [17th & Howell Pump Station] 4 of 4: 24-inch steel drainage pipe (instead of 30 inch as specified in permit), buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approximately 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landward toe. Flap gates and vent pipes at waterside (WS) toe. Discharges into concrete distribution box (3-foot by 4 foot). (three 30-inch and one 10-inch pipes and a 48-inch outfall pipe across the berm along the right bank of the Yuba River authorized under Permit No. 2149, 1956-City of Marysville). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013						

Photo 3 of 3 : UCIP_SP_2018_41001_69820.jpg



View of waterward side--concrete distribution box and gate stems located on waterward slope.

LM Start	2.21	Rating **	M	Issue No.	40
LM End	2.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.155076 °	39.155076 °
				-121.568970 °	-121.568970 °
DWR ID	DWR_NA0004_03_f_2016_40				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Erosion from foot traffic should be repaired, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0004_106_40_20180302_00016.jpg



View looking downstream landside of foot path that is cut into the landside levee slope, Fall 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	2.55	Rating **	M	Issue No.	41
LM End	2.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.158509 °	39.158509 °
				-121.564423 °	-121.564423 °
DWR ID	DWR_NA0004_03_f _ 2016_41				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Erosion from foot traffic should be repaired, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0004_106_41_20180302_00017.jpg



View looking downstream of foot path that has cut into the landside slope.

LM Start	3.30	Rating **	M	Issue No.	53
LM End	3.30	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.167590 °	39.167590 °
				-121.556903 °	-121.556903 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41002 DS_ID:19116 EP_NO: 15010 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status. Manholes present at the following locations: 39.166742598 -121.55771393, 39.165767008 -121.558388687, 39.164557033 -121.559197594 FIELD_STRUCT_DESC: 8-inch fusion welded polyethylene gravity sewer pipe through levee, 8-feet below the levee crown. Shut-off valve within manhole located 46-feet waterside (WS) of levee shoulder. Encased in reinforced concrete through levee section. Extends parallel to levee, 10-feet from toe. (6-inch sewer and 12-inch water line authorized under Permit No. 15010, 1989-City of Marysville, 8-inch pipe installed instead of 6-inch pipe per permit records). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013					

Photo 1 of 2 : UCIP_SP_2018_41002_25149.jpg



Manhole located on landward toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	04/25/2018 04/25/2018	Sterling York

LM Start	3.30	Rating **	M	Issue No.	53 (cont)	
LM End	3.30	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.167590 °	39.167590 °	
				-121.556903 °	-121.556903 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41002 DS_ID:19116 EP_NO: 15010 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status. Manholes present at the following locations: 39.166742598 -121.55771393, 39.165767008 -121.558388687, 39.164557033 -121.559197594 FIELD_STRUCT_DESC: 8-inch fusion welded polyethylene gravity sewer pipe through levee, 8-feet below the levee crown. Shut-off valve within manhole located 46-feet waterside (WS) of levee shoulder. Encased in reinforced concrete through levee section. Extends parallel to levee, 10-feet from toe. (6-inch sewer and 12-inch water line authorized under Permit No. 15010, 1989-City of Marysville, 8-inch pipe installed instead of 6-inch pipe per permit records). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013						

Photo 2 of 2 : UCIP_SP_2018_41002_25148.jpg



View of landward side.

LM Start	5.47	Rating **	M	Issue No.	10
LM End	5.47	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.190993 °	39.190993 °
				-121.530650 °	-121.530650 °
DWR ID	DWR_NA0004_03_s_2012_10				
Comment Code					
RA : Ramp					
Inspector Comment					
This is on the patrol road.					

Photo 1 of 1 : SP_2018_NA0004_106_10_20180302_00005.jpg



This ramp is on the patrol road, no known permit.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			